

NEC



NEC recommends Microsoft® Windows® XP Professional

POWERMATE VL350

- Next Generation Business Desktop
- Meets extended range of users needs
- Ease of Manageability
- Configurations built on demand



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PROCESSOR

AMD Sempron™ 3000+ and above
AMD Athlon® 64 3000+ and above
Socket 939
256KB internal cache for Sempron™
512 or 1024KB internal cache for Athlon® 64

OPERATING SYSTEM

Microsoft® Windows® XP Professional
Microsoft® Windows® XP Home

ARCHITECTURE & MOTHERBOARD

Micro ATX Format
ATI® RS48x Chipset
Hyper Transport Processor 1600/2000MHz

BIOS

DMI 2.3 compliant
Upgradeable by flash

MEMORY

From 256MB to 2GB DDR
Memory Speed at 400MHz
ECC not supported
4 DDR DIMM slots, Dual Channel supported

STORAGE

Optional Floppy Disk 1.44Mo (3.5")
Ultra ATA 100 and SATA HDD controller
From 40GB to 160GB SATA Hard Drive 7200rpm
If the configuration has 1 X ODD, HDD will be SATA

OPTICAL DRIVES

CD-ROM 48X
DVD-ROM 40X/16X
CD-R, RW 48X
Combo Drive DVD-ROM/CD-RW 48X/24X/48X/16X
DVDR+9 8X

VIDEO

Integrated ATI® Radeon XPRESS 200, VGA
Up to 128MB shared memory
Optional ATI® Radeon X300SE, 64MB DDR,
VGA/DVI, TV Out*
Optional ATI® Radeon X300SE, 128MB DDR,
VGA/DVI, TV Out*

SOUND

Integrated, Audio Software Compatible AC97

NETWORK

Integrated Gigabit network connection with support
for Wake On LAN
Option for Gigabit PCI Express 1X

SECURITY

HDD Recovery Tool included (NEC Instant Recovery)
2 Level password (Administrator and User)
Anti-theft ring
Kensington lock hole
Anti-theft for keyboard and mouse
Intrusion switch
Integrated hardware monitoring ASIC
Option for Solenoid

I/O PORTS

6 Ports USB 2.0 (4 at rear and 2 at front)
2 additional USB ports in option
1 serial port + 1 optional
1 parallel port ECP/EPP
1 mouse port / 1 keyboard port
1 SVGA video port
Audio In/Out ports: 1 mic in, 1 line in, 1 line out
1 RJ45 Port

POWER SUPPLY

Slim: 220V AC - 50/60Hz - 250W
Desktop: 220V AC - 50/60Hz - 280W
Micro Tower: 220V AC - 50/60Hz - 315W
Soft On/Off - Wake On LAN supported

PHYSICAL SPECIFICATIONS

Slim: 100 X 407 X 348 mm (W X D X H)
Desktop: 370 X 431 X 131 mm (W X D X H)
Micro Tower: 181 X 402 X 384 mm (W X D X H)
Sizes indicated are in primary usage condition (tower
for small form factor)
(Sizes indicated are overall (includes feet, rear locks,
...))

SOFTWARES

Microsoft® Office 2003 Basic, SBE or Pro (optional)
Norton® Antivirus 2004 (90 Days)
EasyCrypto Delux
NEC Instant Recovery

CERTIFICATIONS

Vendor Certifications: WLP 2.0 compliant,
Linux Red Hat (tested)
Mandrake 10.1 certification

WARRANTY

3 years on site standard warranty

REGULATORY & SAFETY

Regulatory compliance: CE Mark, EN 55022 B, EN
50082-1, EN 60950

MONITORS

NEC FC17 Flat Screen (17", VIS 15.7", 0.27mm dp)
NEC LC15m with integrated speakers
(15", 15" VIS)
NEC LCD LC17m with integrated speakers
(17", 17" VIS)
NEC LCD LC19m with integrated speakers
(19", 19" VIS)

NEC ULTRACARE SOLUTIONS

Various Service Package available
- Desktop installation and deployment
- Extended warranties
- Data Transfer
- Network connection

Please contact us for more information

BAYS

Slim chassis:
1 X 5.25" External bay
1 X 3.5" External bay (FDD in option)
1 X 3.5" Internal bay (Used by HDD)
Desktop chassis:
2 X 5.25" External bays
1 X 3.5" External bay (FDD in option)
2 X 3.5" Internal bays (1 used by HDD)
Micro Tower chassis:
2 X 5.25" External bays
1 X 3.5" External bay (FDD in option)
2 X 3.5" Internal bays (1 used by HDD)

CONNECTORS

1 PCI Express 16X, 1 PCI Express 1X, 2 PCI
(Low Profile in Slim Chassis)

POWERMATE VL350

Latest Technologies for Performance Improvement

The **POWERMATE VL350** features the new generation of **ATI®** chipset **RS48x** family and supporting the **AMD®** latest socket **939** processors. The **POWERMATE VL350** also integrates Serial ATA connectors, Dual Channel DDR and Gigabit network for increasing productivity in large accounts

PCI Express

The **POWERMATE VL350** features integrated Graphics from leader in video **ATI®**. The full **DirectX 9** core inside the chipset makes it one of the most powerful on the market. In addition, the **POWERMATE VL350** features the first **PCIe** chipsets for **Athlon CPUs** on the market allowing the latest generation of graphics expandability thanks to its **PCI Express 16X** slot.

Increased Manageability

All **POWERMATE** chassis have easy to access component capabilities and toolless features.

In addition, NEC provides a simple, fast and flexible system recovery tool (full MS Windows recovery in less than 10 minutes pressing **F11**)



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